Diabetes Education Pump Back Up Plan

Name:	DOB:
In the event of an insulin pump malfunction, please follow these inst	ructions.
Pump Set Change Precautions: Always be aware of your Blood Gluce early in the day so you can monitor your BG. This will reassure you the or blocked. If there was a problem with the flow of insulin, it may take at all. Check your BG at regular intervals in the hours after a change and/or CGM device throughout the day to make sure there are no tree.	nat the tubing and/or the insertion set is not kinked, leaking e several hours for the pump to alarm or it may not alarm Do not go to bed right after a set change. Watch your BG
What Next?: If you notice BG readings above 300mg/dL twice in 2 rise, suspect a pump set failure. Check ketones. Common causes are	
 When do we suspect pump set or pump failure?: You have symptoms of high BG. Examples: thirsty, frequent uring lf the ketones are positive If high BG results continue even after correction 	nation, tired, fruity breath, stomach aches.
Act fast: Stop the pump, and give the Novolog correction factor by pump cannula, tubing and resume your basal rate. Continue to chec sure the infusion set is working properly and the BG results stay und	ck your BG at 30 minutes and then hourly until you are
 Pump Back Up Plan: In case you are not certain the pump or tu Contact the insulin pump company representative to troubleshod pump device) Stop the pump and disconnect the tubing and insertion set. If you will be off the pump for more than 1-2 hours without a bound acting insulin plan. Option 1: Correct using Novolog pen or syringe/vial with the Novolog injections for your carbohydrate ratio with meals. Option 2: Use long-acting insulin plan (Lantus) after pump stop. Novolog injections for your correction factor and carb coverage. When using Lantus, don't restart your usual pump basal rate or transitioning back to the pump when ready. Be careful about high or low BG results during these changes in ketone plan and increase drinking of un-sweetened fluids. Carr. Contact the Diabetes Educator or the Pediatric Endocrine Doctor. Ask about updating your insulin back up plan at every routine refrigerated. Replace an opened vial/pen every 28 days. 	ot the problems. (Help numbers are on the back of the asal rate, you must correct with Novolog or switch to a insulin sensitivity factor (correction) every 3 hours. Use s. Your Dose: units Lantus once per day. Use se at meals. In that day. This will cause low BG. Ask us for help in insulin therapy. Recheck ketones. Follow the sick day y fast-acting carb choices like glucose tabs.
Staff Signature:	Date:
Patient/Parent Signature:	_
Diabetes Education Contact Information:	

Diabetes Education Pump Back Up Plan (continued)

Common Causes of Insulin Pump Malfunction:

- Loose connections
- Kinked or clogged cannula
- Air bubbles in tubing. Tubing that was not correctly primed.
- Cracked tubing
- Dislodged infusion set or cannula came out of skin
- Ineffective infusion site. Scarred skin or lipohypertrophy (fatty scars under the skin won't absorb well).
- Site irritation or infection
- Empty insulin reservoir
- Expired insulin or insulin that went bad due to heat or freezing
- Incorrect bolus doses or settings
- Missed bolus doses (check pump memory)
- Incorrect basal rate settings
- Pump was left in suspend mode for more than 2 hours
- Old batterie:
- Pump malfunction (specific pump company technician can troubleshoot if replacement is needed)

Reference: Boldermann, Karen. "Putting Your Patients on the Pump". 2nd Ed. 2013.

Consider purchasing: Chase, Peter, MD & Laurel Messer, RN. "Understanding Insulin Pumps & Continuous Glucose Monitors". Children's Diabetes Foundation at Denver, CO.

Keep track of your current Novolog settings. Write in Pencil. Take a picture.

Dosing	Time Segments	Units	Target BG
Carb Ratios:			
Correction Factors:			
Correction ractors:			

Documents enclosed are subject to the Privacy Act of 1974. Contents shall not be disclosed, discussed or shared with individuals unless they have a direct need-to-know in the performance of their official duties.